4 Lecture - CS408

Important Mcqs

Question:	What is the	he primary	goal of	Human-	Computer	Interaction	(HCI)?

Options:

- a) To make computer systems more complex
- b) To improve the usability and efficiency of computer systems
- c) To create user interfaces with fancy graphics
- d) To focus on hardware design

Solution: b) To improve the usability and efficiency of computer systems

Question: Which of the following is NOT an important goal of HCI?

Options:

- a) User experience (UX)
- b) Accessibility
- c) Social media integration
- d) User-centered design (UCD)

Solution: c) Social media integration

Question: What is User-Centered Design (UCD) in HCI?

Options:

- a) Designing computer systems without involving users
- b) Designing computer systems solely based on technological capabilities
- c) Involving users in the design process and incorporating their needs and preferences
- d) Designing computer systems with complex and advanced features

Solution: c) Involving users in the design process and incorporating their needs and preferences

Question: What is the role of accessibility in HCI?

Options:

- a) To make computer systems usable only for a specific group of users
- b) To create complex and sophisticated user interfaces
- c) To ensure that computer systems are usable and accessible by all users
- d) To focus on aesthetics and visual appeal of user interfaces

Solution: c) To ensure that computer systems are usable and accessible by all users

Question: What is the importance of cognitive aspects in HCI?

Options:

- a) To create visually appealing user interfaces
- b) To ensure that computer systems are compatible with all cognitive abilities
- c) To understand how users perceive, process, and interpret information
- d) To focus on hardware and device compatibility

Solution: c) To understand how users perceive, process, and interpret information

Question: What is the goal of Social Computing in HCI?

Options:

- a) To design computer systems without any social aspects
- b) To create social media platforms
- c) To study how people interact and communicate through computer-mediated systems
- d) To focus on hardware and software integration

Solution: c) To study how people interact and communicate through computer-mediated systems

Question: What is the importance of information visualization in HCI?

Options:

a) To create complex and visually appealing data visualizations

b) To ensure that computer systems have high processing speed

c) To design visualizations that help users make sense of complex data

d) To focus on hardware design and aesthetics of user interfaces

Solution: c) To design visualizations that help users make sense of complex data

Question: What is Human-Centered AI in the context of HCI?

Options:

a) Designing AI technologies without any consideration for human users

b) Designing AI technologies that replace humans entirely

c) Designing AI technologies that collaborate with humans and are transparent and understandable

d) Designing AI technologies that focus solely on technical capabilities

Solution: c) Designing AI technologies that collaborate with humans and are transparent and understandable

Question: What is the role of User Experience (UX) in HCI?

Options:

a) To focus on hardware design and aesthetics of user interfaces

b) To ensure that computer systems are only accessible to a specific group of users

c) To create engaging and satisfying experiences for users

d) To design computer systems without any consideration for users

Solution: c) To create engaging and satisfying experiences for users

Question: How has the field of HCI evolved over time?

Options:

- a) It has focused solely on hardware design
- b) It has become less relevant in the digital age
- c) It has evolved to encompass various interdisciplinary areas
- d) It has shifted its focus